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## ISIS

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ISIS, the Interactive Spectral Interpretation System, is designed to support the analysis and interpretation of high resolution X-ray spectra using a spectroscopy database such as the [ATOMDB](#). It is currently a stand-alone, programmable and extensible [S-Lang](#) based system, independent of [GUIDE](#) and [Sherpa](#), but is available from within *Sherpa* using `import("isis");`.

A variety of fitting modes are provided to support simple line profile fits as well as global fits; a pileup model for CCD spectra is also included (this is also available in [Sherpa](#) as the `jdpileup` model).

See the [ISIS web page](#) for more information and download instructions.

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URL:  
<http://cxc.harvard.edu/ciao3.4/dictionary/isis.html>  
Last modified: 15 December 2008

## Dictionary Entry - CIAO 3.4